Journal of Elasticity

Contents of Volume 25 (1991)

Vol. 25 No. 1 January 1991

A. Hoger: On the dead load boundary value problem 1

H.G. Georgiadis: An integral equation approach to self-similar plane-elastodynamic crack problems 17

T.J. Pence: On the encounter of an acoustic shear pulse with a phase boundary in an elastic material: reflection and transmission behavior 31

H.B. McClung: Asymmetric vibrations of an elastic sphere 75

Research note

H.B. McClung: The whiplash problem: an application of vector spherical harmonics 95

Vol. 25 No. 2 March 1991

E. Pan: An exact solution for transversely isotropic, simply supported and layered rectangular plates 101

Y.-C. Chen: Bifurcation and stability of homogeneous deformations of an elastic body under dead load tractions with Z_2 symmetry 117

E. Acerbi, G. Buttazzo and D. Percivale: A variational definition of the strain energy for an elastic string 137

M. Ciarletta and A. Scalia: On some theorems in the linear theory of viscoelastic materials with voids 149

F.E. Baginski: The buckling of elastic spherical caps 159

Vol. 25 No. 3 May 1991

Q. Jiang and J.K. Knowles: A class of compressible elastic materials capable of sustaining finite anti-plane shear 193

Huo Yong-Zhong and G. Del Piero: On the completeness of the crystallographic symmetries in the description of the symmetries of the elastic tensor 203

A.N. Norris: Symmetry conditions for third order elastic moduli and implications in nonlinear wave theory 247

C. Tuncer and E.S. Şuhubi: A class of similarity solutions for radial motions of compressible hyperelastic spheres and cylinders 259

Author index, Volume 25 (1991)

Acerbi E 137
Baginski FE 159
Buttazzo G 137
Chen Y-C 117
Ciarletta M 149
Del Piero G 203
Georgiadis HG 17
Hoger A 1
Huo YZ 203
Jiang Q 193
Knowles JK 193
McClung HB 75, 95
Norris AN 247
Pan E 101
Pence TJ 31
Percivale D 137
Scalia A 149
Şuhubi ES 259
Tuncer C 259